

AMENDMENTS TO THE CLAIMS

1. (Currently Amended) A recording system for recording a broadcasting program comprising:

a channel demodulating part configured to receive and demodulate the broadcasting program on a particular channel;

a storage medium configured to store the broadcasting program;

a controller configured to initialize identifying information for identifying a success of recording of the broadcasting program intended to ~~record be recorded~~ in response to a recording command signal, ~~control to maintain identifying information of broadcasting programs other than a single broadcasting program and record the single broadcasting program in the storage medium if the user requests recording of more than one broadcasting programs at a same time when recordings of more than one broadcasting programs are scheduled at the same time, to select a single broadcasting program among the more than one broadcasting programs and control to record the selected broadcasting program~~, and to change the identifying information of the single broadcasting program if the recording of the single broadcasting program is successful; and

a recording processing part configured to store the identifying information, to identify the identifying information of the broadcasting programs, and request re-transmission of the broadcasting programs through a network when the identification information of broadcasting programs is not changed.

2. (Currently Amended) The recording system as claimed in claim 1, wherein the channel demodulating part includes:

a channel receiving part configured to tune to[[,]] and demodulate a broadcasting signal on a particular channel, and to forward in a form of a transport TP stream; and

a TP processing part configured to split the TP stream from the channel receiving part into an audio PES stream, a video PES stream, and a data stream.

3. (Previously Presented) The recording system as claimed in claim 1, wherein the storage medium is a hard disc.

4-5. (Canceled).

6. (Currently Amended) The recording system as claimed in claim 1, wherein the controller is further configured to initialize the identifying information including a recording flag value at the recording processing part to a first identifying information value in response to the recording command signal, to set the first identifying information value to a second identifying information value if the recording of the broadcasting program intended to record-be recorded is successful, and controls-control to maintain the first identifying value as it is if the recording of the broadcasting program intended to record-be recorded fails.

7. (Previously Presented) The recording system as claimed in claim 6, wherein the upload/download controlling part is further configured to set the first identifying information value to ‘1’, and to reset the second identifying information value to ‘0’.

8. (Currently Amended) The recording system as claimed in claim 1, wherein the recording processing part includes:

a recording parameter storage part configured to store the identifying information and information on the broadcasting program intended to record-be recorded; and

a network interface part configured to identify the identifying information, to request the re-transmission of the broadcasting program intended to record-be recorded through the network when recording of the broadcasting program intended to record-be recorded fails.

9. (Previously Presented) The recording system as claimed in claim 8, wherein the recording parameter storage part is a ROM (read-only memory).

10. (Previously Presented) The recording system as claimed in claim 8, wherein the recording parameter storage part includes one bit of an identifying information field, 20 bits of a record starting time field, 20 bits of a record end time field, and 7 bits of a channel information field.

11. (Currently Amended) The recording system as claimed in claim 10, wherein the record starting time field[[],] or the record end time field includes 4 bits of a month field, 5 bits of a day field, 5 bits of an hour field, and 6 bits of a minute field.

12. (Previously Presented) The recording system as claimed in claim 8, wherein the network interface part includes at least one of a LAN Card and a MODEM.

13. (Previously Presented) The recording system as claimed in claim 8, wherein the network interface part is further configured to be connected to a program server or a broadcasting station for communication.

14. (Currently Amended) A method for recording a broadcasting program in a recording system having a storage medium for storing the broadcasting program intended to record, and a recording processing part having a recording parameter storage part and a network interface part, the method comprising:

setting a recording parameter field at the recording parameter storage part, storing information on the broadcasting program intended to record and identifying information for identifying a success of recording of the broadcasting program in the recording parameter field, according to a user's recording setting information;

when recordings of more than one broadcasting programs are scheduled at the same time,
selecting a single broadcasting program among the more than one broadcasting
program~~controlling to maintain identifying information of broadcasting programs other than a~~
~~single broadcasting program if the user requests recording of more than one broadcasting~~
~~programs at a same time;~~

recording the selected single broadcasting program on the storage medium according to the information on the single broadcasting program;

changing the identifying information of the single broadcasting program if the recording of the single broadcasting program is successful;

determining the success of ~~recording—the recordings~~ of the broadcasting program according to whether the identifying information of the broadcasting programs is changed; and

if the ~~recording—recordings~~ of the broadcasting programs ~~fails—fail~~ as a result of the determination, requesting re-transmission of the broadcasting programs through the network interface part.

15. (Previously Presented) The method as claimed in claim 14, wherein the user's recording setting information is information related to at least one of a recording operation, a scheduled recording operation, and a time shift operation.

16. (Previously Presented) The method as claimed in claim 14, wherein the recording parameter field includes one bit of an identifying information field, 20 bits of a record starting time field, 20 bits of a record end time field, and 7 bits of a channel information field.

17. (Currently Amended) The method as claimed in claim 16, wherein the record starting time field[[,]] or the record end time field includes 4 bits of a month field, 5 bits of a day field, 5 bits of an hour field, and 6 bits of a minute field.

18. (Previously Presented) The method as claimed in claim 14, wherein the information on the broadcasting program includes channel information, a record starting time, and a record end time of the recording program, and the record starting time is a starting time of the program intended to record in a case of the scheduled recording, and a time when a recording/time shift button is pressed in a case of a direct recording or a time shift operation.

19. (Previously Presented) The method as claimed in claim 14, wherein the step of changing the identifying information comprises:

(a) determining a successive recording of the single broadcasting program; and

(b) changing the identifying information of the single broadcasting program if the recording is successful as a result of the determination, and controlling to maintain the identifying information of the single broadcasting program if the recording fails, after the step of recording the single broadcasting program on the storage medium.

20. (Previously Presented) The method as claimed in claim 19, wherein the step (b) further includes:

resetting the identifying information of the single broadcasting program to ‘0’ if the recording is successful as a result of the determination; and

controlling to maintain the identifying information of the single broadcasting program to ‘1’ if the recording fails.

21. (Previously Presented) The method as claimed in claim 19, further comprising changing the identifying information of the single broadcasting program if there is a user’s record stop request.

22. (Canceled).

23. (Previously Presented) The method as claimed in claim 14, further comprising:

transmitting the information on the broadcasting program having recording thereof failed to a program server or a broadcasting station; and

re-receiving the broadcasting program having recording thereof failed from the program server or the broadcasting station, and recording the broadcasting program having recording thereof failed, after the step of requesting re-transmission of the broadcasting programs.

24. (Original) The method as claimed in claim 23, wherein the information on the transmitted broadcasting program is a program ID for matching to the program.

25-26. (Canceled).

27. (Previously Presented) The method as claimed in claim 14, further comprising:
if the recording of the broadcasting program fails as a result of the determination, renewing the information on the broadcasting program stored in the recording parameter storage part.

28. (Previously Presented) The method as claimed in claim 27, wherein the step of renewing the information on the broadcasting program stored in the recording parameter storage part further includes:

re-receiving program related information from the program server or the broadcasting station; and

overwriting the program related information on a relevant position of the recording parameter storage part, and scheduling writing of the program automatically by using a stored record starting time, and a record end time.

29. (Previously Presented) The method as claimed in claim 28, wherein the overwritten program related information includes channel information, a record starting time, and a record end time of a recording program.

30. (Canceled)